

**Abstract**

The invention relates to a complex of enzyme, protein and carrier comprising two or more molecules of an enzyme conjugated through amino group or other group to a carrier such as polylysine, and a protein (for example, antibody) with a specific binding potency to other substance(s) (for example, antigen) conjugated to at least one of said two or more molecules of the enzyme, which enables accurate assay of a trace amount of a substance at a high sensitivity.

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